Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A communication terminal apparatus to be connected to a communication network through a control operation using a Point to Point Protocol (PPP), ~~characterized by~~ comprising:

a phase information combination section for combining a ~~plurality of control phase information items~~a Link Control Protocol (LCP) information item, an authentication information item, and a Network Control Protocol (NCP) information item regarding the PPP with each other to create data;

an encapsulation section for converting data created by the phase information combination section to conform to the communication network; and

a data transmission section to transmit the data converted by the ~~phase information combination~~encapsulation section via the communication network to a communication apparatus as a destination.

2. (Currently Amended) A communication terminal apparatus to be connected to a communication network using a Point to Point Protocol (PPP), ~~characterized by~~ comprising:

a plurality of phase processing sections for executing a plurality of control processings for the PPP connection in parallel;

a data receiving section for receiving data including a plurality of phase information items via the communication network from a communication partner;

a ~~packet~~phase information development section for discriminating ~~a~~

~~phase~~respective phase information ~~item in~~items in the data received by the data

receiving section and transmitting the respective phase information ~~item to a~~items to

respective one of the phase processing ~~section~~sections conforming thereto;

a phase information combination section for receiving the phase information

items processed by the plural phase processing sections and combining the plural

phase information items with each other to create data;

an encapsulation section for converting data created by the phase information

combination section to conform to the communication network; and

a data transmission section for transmitting the data converted by the

encapsulation section via the communication network to the communication partner.

3. (Currently Amended) A communication terminal apparatus according to

claim 2, ~~characterized in that~~wherein the plurality of phase processing ~~section~~

~~comprises an LCP~~sections include a Line Control Protocol (LCP) phase processing

section, an authentication phase processing section, and ~~an NCP~~a Network Control

Protocol (NCP) phase processing section.

4. (Cancelled)

5. (Currently Amended) A communication terminal apparatus according to

claim 2, ~~characterized in that~~wherein the phase information combination section

combines an LCP information item, an authentication information item, and an NCP

information item with each other.

6. (Currently Amended) A communication terminal apparatus according to

claim 3, ~~characterized in that~~ wherein the phase information combination section

combines an LCP information item, an authentication information item, and an NCP

information item with each other.

7. (Currently Amended) A network access apparatus to connect a

communication terminal apparatus to a communication network using a Point to

Point Protocol (PPP), ~~characterized by~~ comprising:

a phase information combination section for combining ~~a plurality of control~~

~~phase information items~~ a Link Control Protocol (LCP) information item, an

authentication information item, and a Network Control Protocol (NCP) information

item regarding the PPP with each other to create data;

an encapsulation section for converting data created by the phase information

combination section to conform to the communication network; and

a data transmission section to transmit the data converted by the

encapsulation section to the communication terminal apparatus.

8. (Currently Amended) A network access apparatus to connect a

communication terminal apparatus to a communication network using a Point to

Point Protocol (PPP), ~~characterized by~~ comprising:

a plurality of phase processing sections for executing a plurality of control

processings for the PPP connection in parallel;

a data receiving section for receiving combined data including a plurality of

phase information items via the communication terminal apparatus;

a ~~packet~~phase information development section for discriminating ~~a phase~~the respective phase information ~~item in~~items in the combined data received by the receiving section and transmitting the respective phase information ~~item to a~~items to respective one of the phase processing section conforming thereto;

a phase information combination section for receiving the phase information items processed by the respective plural phase processing sections and combining the plural phase information items with each other;

an encapsulation section for converting data created by the phase information combination section to conform to the communication network; and

a data transmission section for transmitting the data converted by the encapsulation section via the communication network to the communication terminal apparatus.

9. (Currently Amended) A network access apparatus according to claim 8, ~~characterized in that~~wherein the plurality of phase processing ~~section comprises~~sections include an LCP phase processing section, an authentication phase processing section, and an NCP phase processing section.

10. (Cancelled)

11. (Currently Amended) A network access apparatus according to claim 8, ~~characterized in that~~wherein the phase information combination section combines an LCP information item, an authentication information item, and an NCP information item with each other.

12. (Currently Amended) A network access apparatus according to claim 9, characterized-in-that-wherein the phase information combination section combines an LCP information item, an authentication information item, and an NCP information item with each other.

13. (Currently Amended) A communication method of conducting communication between a communication terminal apparatus and a network access apparatus connected to a communication network using a Point to Point Protocol (PPP), characterized-by-the method comprising: the-steps-of:

executing,-by a transmission-side apparatus, a-plurality-of-control-processings for-the-PPP-connection-in-parallel;-creating a plurality of information items regarding a plurality of control phases for the PPP connection; and transmitting first data created by combining the plural information items regarding the plurality of control phases, via the communication network to a receiving-side apparatus; and

discriminating,-by the receiving-side apparatus, discriminating the respective information items regarding to the respective control phases in the received first data created-by-combining-the-plural-information-itemsregarding to the plurality of control phases; executing a plurality of control processings corresponding to the respective information items in parallel; and transmittingcreating second data created by combining information items regarding plural control results,results of the plurality of control processings and transmitting the second data via the communication network to the transmission-side apparatus.